JC04 Rec'd PCT/PTO 14 NOV 2005

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

nder th		RANSMITTAL LETTER TO	THE UNITED STATES	of information unless it displays a valid GMB control number ATTORNEY'S DOCKET NUMBER 49288.1100			
		DESIGNATED/ELECTED	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 10/531,713							
INTE	RN	ATIONAL APPLICATION NO. PCT/JP2003/013218	INTERNATIONAL FILING DATE 15 October 2003	PRIORITY DATE 17 October 2002			
		F INVENTION	DADATUS				
PAC	.KE	TS SENDING/RECEIVING AP	PARATUS				
APPI	LICA	ANT(S) FOR DO/EO/US					
Yosh	ihi	ro MORIOKA, et al.					
Appli	ican	t herewith submits to the United Str	ates Designated/Elected Office (DO/E	EO/US) the following items and other information:			
1. (		This is a FIRST submission of iter	ms concerning a submission under 35	U.S.C. 371.			
2. [	Ø	This is a SECOND or SUBSEQUE	ENT submission of items concerning a	a submission under 35 U.S.C. 371.			
3. [		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. [		The US has been elected (Article:					
5. [		A copy of the International Application as filed (35 U.S.C. 371 (c)(2))					
	_	_	, , , , , , , , , , , , , , , , , , , ,	etional Rurosu)			
	a. b.	is attached hereto (required or has been communicated by the	nly if not communicated by the Intern	lational bureau).			
	D. С.			coixing Office (PO/LIS)			
		is not required, as the application was filed in the United States Receiving Office (RO/US).					
6. [		An English language translation of the International Application as filed (35 U.S.C.					
	a.	is attached hereto.					
	b. —	☐ has been previously submitted					
	⊔ a.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  are attached hereto (required only if not communicated by the International Bureau).					
ı	b.	have been communicated by	the International Bureau.				
(	C.	have not been made; however	r, the time limit for making such amen	idments has NOT expired.			
(	d.	have not been made and will i	not be made.				
8. [		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	$\boxtimes$	An oath or declaration of the inven	itor(s) (35 U.S.C. 371(c)(4)).				
10. [		An English language translation of Article 36 (35 U.S.C. 371 (c)(5)).	f the annexes to the International Preli	iminary Examination Report under PCT			
ı	Item	is 11 to 20 below concern docum	nent(s) or information				
11. [		An Information Disclosure Statem	nent under 37 CFR 1.97 and 1.98.				
12. [		An assignment document for record	rding. A separate cover sheet in com	pliance with 37 CFR 3.28 and 3.31 is included.			
13. [		A preliminary amendment.					
14. [		An application Data Sheet under 3	37 CFR 1.76.				
15. [		A substitute specification.					
16. [		A power of attorney and/or change of address letter.					
17. [		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.					
18. [		A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. [		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).					
20.	Ø		ding declaration late was paid at th lissing Requirements Under 35 USC	ne time of filing of the application on April 18,			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (if known, see 37 CFR ATTORNEY'S DOCKET NUMBER 10/531,713 PCT/JP2003/013218 49288.1100 The following fees are submitted: PTO USÉ ONLY CALCULATIONS Basic national fee . . . . . 21. \$ \$0.00 22 Examination fee If International preliminary examination report prepared by USPTO and all claims \$0.00 All other situations. . . . . 23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority . \$100 International Search Report prepared and provided to the Office . . \$400 \$0.00 \$500 TOTAL OF 21, 22 and 23 = \$0.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. **Total Sheets** Extra Sheets Number of each additional 50 or RATE fraction thereof (round up to a whole \$ -100 =/50 =\$250.00 \$0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 \$ months from the earliest claimed priority date (37 CFR 1.492(h)). **CLAIMS NUMBER FILED** NUMBER EXTRA **RATE** Total claims 0 - 20 = х \$50.00 \$0.00 Independent claims 0 \$200.00 \$ \$0.00 X Multiple Dependent Claims (if applicable) + \$360.00 \$  $\Box$ \$ \$0.00 TOTAL OF ABOVE CALCULATIONS Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$ \$0.00 \$0.00 SUBTOTAL = \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). \$ \$ \$0.00 TOTAL NATIONAL FEE Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per \$ \$0.00 **TOTAL FEES ENCLOSED =** \$ Amount to be refunded: \$ Amount to be \$ charged: a. A check in the amount of to cover the above fees is enclosed. b. Please charge my Deposit Account in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🗵 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment 19-2814 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: **CUSTOMER NUMBER 20322** Shahpar Shahpar Snell & Wilmer L.L.P. One Arizona Center Shahpar Shahpar 400 E. Van Buren Street P: 602-382-6306 NAME F: 602-382-6070 E: sshahpar@swlaw.com 45.875

REGISTRATION NUMBER



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1430 Alexandria, Virginia 22313-1450

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/531,713	Yoshihiro Mrioka	49288.1100

PCT/JP03/13218

20322 SHS SNELL & WILMER ONE ARIZONA CENTER 400 EAST VAN BUREN PHOENIX, AZ 850040001

RECEIVED

OCT 3 1 2005

SNELL & WILMER

CONFIRMATION NO. 1457

PRIORITY DATE

371 FORMALITIES LETTER

\*OC000000017275653\*

I.A. FILING DATE

10/15/2003

Date Mailed: 10/18/2005

## NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/18/2005
- Copy of the International Search Report filed on 04/18/2005
- Copy of IPE Report filed on 04/18/2005
- Copy of Annexes to the IPER filed on 04/18/2005
- Preliminary Amendments filed on 04/18/2005
- Information Disclosure Statements filed on 05/25/2005
- U.S. Basic National Fees filed on 04/18/2005
- Priority Documents filed on 04/18/2005
- Specification filed on 04/18/2005
- Claims filed on 04/18/2005
- Abstracts filed on 04/18/2005
- Drawings filed on 04/18/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

NOTED FOR RECEIPT

Response 12-18.05

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

## PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/531,713	PCT/JP03/13218	49288.1100

FORM PCT/DO/EO/905 (371 Formalities Notice)